

# Work Order ID 116694

April-23-14 12:42:40 PM

**\*116694\***

Page 1

Item ID: D4932-1-035

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: KWS Carbide Wear Strip, 3.5" Long

Start Date: 4/23/14

Start Qty: 16.00

**\*16\***

Cust Item ID:

Required Date: 5/07/14

Req'd Qty: 16.00

**\*16\***

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 140423

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4932

A

100

0.00

**\*100\***

Large Fab

Memo

0.00

Large Fab

CUT BAR TO LENGHT AND CUT ANGLES AS PER DWG

16 EL 14-4-24

110

QC5- Inspect part completeness to step on W/O

0.00

**\*110\***

QC

Memo

0.00

Quality Control

(16) 1404-24

DAS  
9  
9.89

120

Identify as per dwg & Stock Location: WA001

0.00

**\*120\***

Packaging

Memo

0.00

Packaging

(16) DMC 24-04-14

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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**Work Order ID 116694****\*116694\***

Page 2

Item ID: D4932-1-035

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: KWS Carbide Wear Strip, 3.5" Long

Start Date: 4/23/14

Start Qty: 16.00

**\*16\***

Cust Item ID:

Required Date: 5/07/14

Req'd Qty: 16.00

**\*16\***

Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

**\*NR1\***

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

**\*130\***

QC

Memo

0.00

Quality Control

14/04/24

14-4-24

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

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Training									
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# Picklist Print

April-23-14 12:42:43 PM

Page 1

Work Order ID: 116694

\*116694\*

Parent Item: D4932-1-035

\*D4932-1-035\*

Parent Item Name: KWS Carbide Wear Strip, 3.5" Long

Start Date: 4/23/14

Required Date: 5/07/14

Start Qty: 16.00

Required Qty: 16.00

Comments: IPP REV:A NEW ISSUE 13-09-09 JLM VERIFIED BY:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D4932-1

Manufactured

No

f

0.0000

6

\*D4932-1\*

KWS Carbide Strip

\*\*

14-4-24

M/16322 X 36'

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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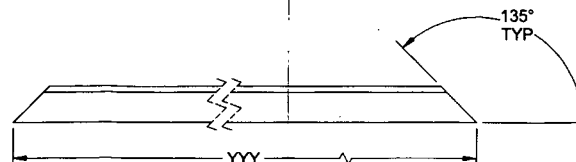
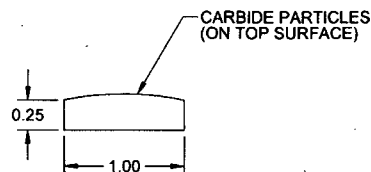
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116694 MLJ  
14-04-23

# SPECIFICATION CONTROL DRAWING

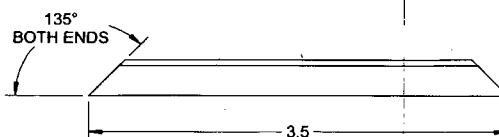


**D4932-1-YYY KWS CARBIDE WEAR STRIP**

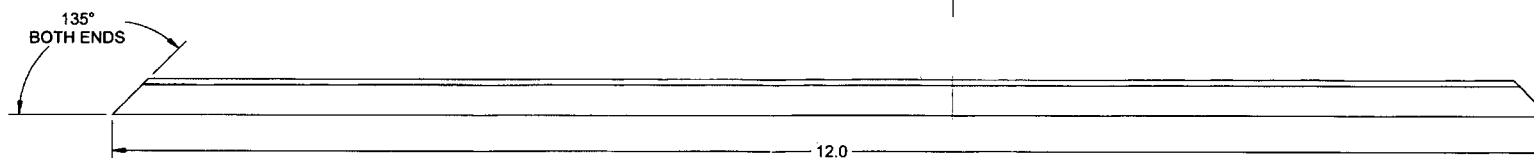
PART NUMBERING: **D4932-1-035**

BASIC PART \_\_\_\_\_ LENGTH IN TENTHS OF AN INCH

EXAMPLE: D4932-1-035 = PART 3.5 INCHES LONG  
EXAMPLE: D4932-1-120 = PART 12 INCHES LONG



**EG: D4932-1-035 KWS CARBIDE WEAR STRIP**



**EG: D4932-1-120 KWS CARBIDE WEAR STRIP**

## NOTES:

1) MATERIAL: KWS-XX-ATC CARBIDE WEAR STRIP (XX = LENGTH IN INCHES, EG: KWS-12-ATC FOR A 12" LENGTH)

SUPPLIER: KENCO ENGINEERING INC,  
PO BOX 1467 ROSEVILLE, CA 95678  
2155 PFE ROAD, ROSEVILLE, CA 95747  
TEL: 800-363-9859, 916-782-8494 FAX: 916-783-3494  
WWW.KENCOENGINEERING.COM

- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.125 LBS/INCH

**RELEASED**  
2014-04-04

A NEW ISSUE		DB	13.08.28
REV.	DESCRIPTION		BY DATE
DESIGN	DB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	AP	D4932	SHEET 1 OF 1
APPROVED	AP	TITLE	SCALE
DE APPR.	AP	KWS CARBIDE STRIP	NTS
DATE	13.08.28	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

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